

WO 2005/040333

PCT/CA2004/001794

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SEQUENCE LISTING

<110> National Research Council of Canada

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ZENG, Yue

O'CONNOR-McCOURT, Maureen

<120> A NEW LIGAND-PSEUDORECEPTOR SYSTEM FOR

GENERATION OF ADENOVIRAL VECTORS WITH ALTERED TROPISM

<130> 2139-32PCT

<150> US 60/514,532

<151> 2003-10-24

<160> 21

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> E-coil

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<400> 1

Glu Val Ser Ala Leu Glu Lys

1

5

<210> 2

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<223> K-coil

<400> 2

Lys Val Ser Ala Leu Lys Glu

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5

<210> 3

<211> 34

<212> DNA

<213> Artificial Sequence

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<223> Primer to amplify EGFR signal sequence

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ataagaatgc ggccgcatgc gaccctccgg gacg

34

<210> 4

<211> 26

<212> DNA

<213> Artificial Sequence

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<223> Primer to amplify EGFR signal sequence

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ggactagtct tttcctccag agcccg

26

<210> 5

<211> 27

<212> DNA

<213> Artificial Sequence

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<223> Primer to amplify 6 His and E-coil sequence

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ctagctagcc atcaccacca tcatcac

27

<210> 6

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer to amplify 6 His and E-coil sequence

<400> 6

ccgctcgagt gatcctccac c

21

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<211> 27

<212> DNA

<213> Artificial Sequence

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<223> Primer to amplify the transmembrane and
cytoplasmic parts of EGFR

<400> 7

ccgctcgagc cgtccatcgc cactggg

27

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<223> Primer to amplify the transmembrane and
cytoplasmic parts of EGFR

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cggatatctc atgctccaat aaattc

26

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<212> DNA

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<223> oligonucleotide containing a linker of 5 gly-ser
and BamHI site

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ggatctggat caggttcagg agtggatcc

29

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<212> DNA

<213> Artificial Sequence

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<223> Primer to amplify K-coil sequence

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cgcggatcca aggtatccgc tttaaag

27

<210> 11

<211> 33

<212> DNA

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<223> Primer to amplify K-coil sequence K3

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cgcggatccc aattgttact ccttcagagc act

33

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<211> 35

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<223> Primer to amplify K-coil sequence K4

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cgggatccca attgttattc cttcaaggct gacac

35

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<211> 32

<212> DNA

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<223> Primer to amplify K-coil sequence K5

<400> 13

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32

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<212> DNA

<213> Artificial Sequence

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<223> Primer to amplify CMV-FK4

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accacaccag ctccagagcc taactgtaga ctaaatgc

38

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<211> 38

<212> DNA

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<223> Primer to amplify CMV-FK4

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38

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<212> DNA

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<223> Primer to amplify mutated plasmid pE4-FK4m

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38

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38

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<213> Artificial Sequence

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<223> Primer

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ccggtcctcc aactgtg

17

<210> 19

<211> 42

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<213> Artificial Sequence

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<220>

<223> Primer

<400> 20

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51

<210> 21

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<400> 21

ggccaattgt tattattcct tcaaggetga cac

33